

### **WHAT IS CLAIMED IS:**

1. A guiding module for rolling-element comprising:

partitions employed to separate the rolling elements from each other, both end surfaces of the partitions formed with a curved surface  
5 with a curvature corresponding to the curvature of the rolling element;

link-ring which is a strip-structure comprised of band-liked coupling members and pillar-liked separations, the coupling members employed to connect the separations;

wherein each partition is provided with a coupling trough which  
10 can receive and rotate relative to the separation.

2. The guiding module for rolling-element as claimed in claim 1, wherein the coupling trough is formed on the curved surface of an end of the respective partitions, such that the partitions can be connected to the link-ring to form a guiding module for rolling-element.

15 3. The guiding module for rolling-element as claimed in claim 1, wherein the coupling trough is formed on side surface of the respective partitions, such that the partitions can be connected to the link-ring to form a guiding module for rolling-element.

4. The guiding module for rolling-element as claimed in claims  
20 1, 2 or 3, wherein the coupling trough of the partitions has a curved bottom, such that the partitions are able to rotate when they move along the reflow path.

5. The guiding module for rolling-element as claimed in claim 1,

wherein the band-like coupling members are connected to both ends of the pillar-like separations, such that the positionability of the separations is improved, and thus the spaces between the separations and the coupling members wouldn't be deformed, extended or shrank.

5           6. The guiding module for rolling-element as claimed in claim 1, wherein the coupling members are connected to one end of the pillar-like separations, such that the separations are provided with great oscillating flexibility during movement, and the space adjustability for the spaces between the separations for retaining the rolling elements is secured, this  
10 guiding module can be applied to complicated reflow path for rolling-element.

7. The guiding module for rolling-element as claimed in claims 1, 5 or 6, wherein the separations are cylinder shaped.

8. The guiding module for rolling-element as claimed in claims  
15 1, 5 or 6, wherein the separations are formed in the shape of a triangle column.

9. The guiding module for rolling-element as claimed in claims 1, 5 or 6, wherein the separations are formed in the shape of a polygonal column.

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